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U. S. Department of Agriculture

GLADIOLUS



ROGER B. RUSSELL

OLD MIDDLETON ROAD
MADISON 5, WISCONSIN

An Invitation To You . . .

Madison is fortunate this year in being able to offer you two Gladiolus Shows. The first, to be held August 6 and 7, will be the Madison Gladiolus Show, held at and sponsored by The First National Bank of Madison. This show is particularly noted for the exceptionally fine arrangement classes. The women making these arrangements do a remarkable piece of work and deserve all of the abundant praise they receive. Dane County gardeners interested in Gladiolus are cordially invited to join the Madison Gladiolus Society and participate in our shows. Send your 50 cents yearly dues to me and I will see that the Secretary sends you a membership card. Your support will be especially appreciated this year.

The second show, on August 15 and 16, will be brought to Madison on the invitation of the Madison Gladiolus Society, and will be the Midwest Invitational Show, sponsored by the University of Wisconsin Horticultural Department and the Wisconsin Horticultural Society with the Wisconsin Gladiolus Society participating. Midwestern States need a major Gladiolus Show and we are attempting at Madison to get the ball rolling by staging such a show this summer. We need your cooperation: this show can be a success only if you will enter your glads. If it will be possible for you to enter spikes or baskets or arrangements in the Midwest show, let me know so that a show schedule can be sent to you during July.

The location of the Midwest Show has not been announced, but the map on the back of this catalog should be of assistance to you when housing arrangements for the show have been completed.

We in Madison believe there should be no admission charge to a flower show; beauty, abundantly found in Gladiolus, should be enjoyed by all. We have been fortunate in having The First National Bank of Madison underwrite our annual show. In order to finance the Midwest Show we are making space available for Commercial Grower's displays and we are soliciting advertising for the show schedule. May we send you more information?

Plan your vacation trip to pass through Madison at such a time that you can visit one of our shows. Save the map on the back of this catalog to help you find your way around Madison and locate our Gladiolus Gardens.



*Woods
Originations . . .*

Madeline Hefty

MADELINE HEFTY 566-80 (Woods 50) Elizabeth the Queen x Snow White

Show record: Wisconsin State Seed-Seedling Show, Sun Prairie, 1946, rating: Excellent.

Wisconsin State Show, Wausau, 1946, rating: Excellent.

Wisconsin State Show, Marinette, 1947, Grand Champion single spike; NEGS award 3 spike.

Regional show, Wausau, 1947, Seedling Champion, Reserve Champion of the show.

Garfield Park, Chicago, 1948, Blue ribbon 3 spike, open class.

Wisconsin State Show, Koehler, 1948, American Home Achievement winner and Champion Seedling Basket.

Wisconsin State Show, Beloit, 1949, Section Champion, open class.

Color is a beautiful lavender rose shading to a deep rose at the edge and a much darker rose marking on the lower petal. Madeline is really something to dream about! Florets are 5½ inches, opens 8 with 8 showing color, plant healthy and strong, growing to 55 inches. The substance of the florets is good and placement is excellent, attachment is firm. Opens to the tip. Stem willowy but strong. Bulblet production heavy and germination good.

PANAMA 561-76 (Woods 50) Surfside x Corona

Show record: Wisconsin State Seedling show, Sun Prairie, 1949, rating: Excellent. Wisconsin State show, Beloit, 1949: Section Champion.

Color is light rose or rose pink with a deep purple throat. Ruffled five inch florets open 10 or more with 10 or more showing color on a 22 bud flowerhead, 28 inches long. Florets are of extra heavy substance, chamois texture, attachment excellent, placement good. Height of plant, 56 inches, foliage dark green. Stem is willowy but not weak. Bulblet production very heavy and germination is excellent.

DIAMOND LIL 411-75 (Woods 50) Lady Winsome x Moneeta

Diamond Lil has had the misfortune to miss the shows. A medium yellow with an attractive small red diamond in the throat. Frilled edge, 4½ inch florets, wide open, triangular shape, attachments and placement good. Total buds, 18 to 20, 8 open and 6 showing color. Length of flowerhead, 25 inches, height 50 inches. Stem straight and willowy.

Prices on Madeline Hefty, Panama, and Diamond Lil:

Each: Large \$5.00 Medium 4.00 Small 3.00

With each bulb, 10 selected bbts may be ordered for \$4.00

Grower's Unit: 2 large, 2 medium, 5 small and 100 bbts. for \$50.00



Falcon

FALCON 566-75 (Woods 49) Elizabeth the Queen x Sir Galahad

Lavender, but quite different from other lavenders. Falcon is on the pink side of lavender and is a clean, clear color, yellow speckling in throat. The florets demand and receive attention: heavy midrib, fluted, ruffled, angular petals. Falcon is exceptionally lovely either as a single spike or in a basket. Falcon

gave us 7½ inch florets last summer, six open, six showing color, 18 buds, and opened to the tip. Plants grow 5 feet and are healthy and strong. We have watched Falcon grow for two years and are very enthusiastic about it.

Each:	Large \$ 5.00	Medium 4.00	Small 3.00	Bbts. 1— .50
10	40.00	32.00	24.00	10—5.00

ADONIS 500-65 (Woods 49) Red Lightning x Laddie

Adonis is a perfectly white glad. Florets are slightly ruffled and of excellent texture. 9 open florets, 8 buds showing color on a 22 bud, 30 inch flowerhead. The plant is healthy and strong. Bulblet production and germination good.

Each:	Large \$5.00	Medium 4.00	Small 3.00	Bbts. 1— .50
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ADORABLE 541-65 (Woods 49) Elizabeth the Queen x Glamis

A very beautiful light pink with a lavender tint. 5½ florets have a heavy midrib, lightly ruffled edge, petals needle pointed. 28 inch flowerhead, 22 bulbs, 8 open and 6 showing color.

Each	Large \$ 5.00	Medium 4.00	Small 3.00	Bbts. 1— .60
10	40.00	32.00	24.00	10—5.00

COACHMAN 430-84 (Woods 49) Parents unknown.

A very pleasing deep salmon pink with white midribs. Petals are ruffled and recurved, texture good. With its 10 florets open and 10 buds showing color, Coachman is an impressive glad. Won the Grand Champion at the Wisconsin State Show at Beloit, 1949.

Each	Large \$ 3.00	Medium 2.00	Small 1.00	Bbts. 1— .25
10	24.00	16.00	8.00	10—2.00

CONNIE G 506-75 (Woods 48) Elizabeth the Queen x Snow White

Connie G is becoming known for the real glad that it is. A truly excellent ruffled cream with a light golden throat, 5 inch Florets of excellent substance, opening 8 with 8 buds showing color on a 20 bud spike, opens to the tip. We believe Connie G is here to stay. An American Home Achievement award winner.

Each	Large \$ 4.00	Medium 3.00	Small 2.00	Bbts. 1— .50
10	32.00	24.00	16.00	10—4.00

RUTH ANN 568-75 (Woods 49) Surfside x Corona

Beautiful deep lavender, lighter throat and dark orchid blotch. 8 open, 8 showing color on a 22 bud, 30 inch flowerhead. Six inch florets, heavily ruffled and of excellent substance. Plant is healthy and grows to a height of 55 inches.

Each	Large	\$ 5.00	Medium	4.00	Small	3.00	Bbts.	1— .50
10		40.00		32.00		24.00		10—5.00

Our Business Policy . . .

We send out only healthy bulbs, true to name, and will cheerfully refund the purchase price on any order found unsatisfactory upon receipt and promptly returned. No guarantee of growth is implied in the sale nor can we be responsible for the crop. The right is reserved to substitute smaller sizes if stock of large bulbs of a variety is sold out; in which case a sufficient number of bulbs will be added to your order to more than offset the difference in price. All orders are placed with these conditions accepted by the purchaser, and orders are accepted subject to prior sale of stock.

All orders must be accompanied by cash in full. Orders from the retail list are prepaid to all points in the U. S. A. If orders from the retail list and the Home Gardener's Special are mixed, the entire order will be sent express collect and sufficient extras included to more than cover transportation on the bulbs ordered from the retail list.

We begin planting small bulbs early in April. Large bulbs are planted from the middle of April through May, and by the end of May the only bulbs remaining are those we are holding to plant for late bloom. So early orders are appreciated, and we usually try to show our thanks by giving overcount or extras.

This price list cancels all previously published prices.

Wisconsin nursery certificate #1882.

Spring, 1950.

ROGER B. RUSSELL

General Retail List . . .

The three digit number following a variety name is the classification code number and indicates the size and color of the flower.

Miniature—100 floret under 2½"	Medium—300 3¼ through 4-3/8 inch
Small—200 2½ through 3¼ inch	Large—400 4½ through 5-3/8 inch
Giant—500 5½ inch or larger	

The second two digits give the color code.

The number following the dash is the approximate number of days from planting until bloom.

The name of originator and year of introduction of a variety is given for there are occasional duplication of names and this information identifies the variety.

To use this information: Garden Gold, 512 (florets over 5½" deep yellow color), 85 days, average time from planting to bloom, originator, Rich, variety introduced in 1948.

SIZE OF BULBS

LARGE bulbs (L) are 1¼" and larger in diameter. This size will produce the finest spikes.

MEDIUM bulbs (M) are from ¾" to 1¼" in diameter.

SMALL bulbs (S) are under ¾" in diameter, and must be grown for one year before they will produce a satisfactory spike.

ABIGAIL 366-80 (Myers 44) Light lavender, rich in color. Opens 7 or more florets on a tall straight spike. L 1—50c M 1—35c

ACCA LAURENTIA 320-70 (K & M 42) Deep orange yellow. Well placed florets on a tall straight spike. Very early. L 2—35c

APRICOT GLORY 416-80 (Sisson) A large clear apricot. Quite outstanding. L 1—\$1.00 M 1—75c

APRIL 430-80 (C. M. Evans 48) A cool, pale peach buff. L 1—50c M 1—35c S —25c

BEAUTY CLYNIC 430-85 (Wilson 42) Beautifully ruffled, wide open light pastel salmon pink. L 2—35c M 2—25c S 3—25c

BENGASI 530-85 (Cave 43) LaFrance pink, throat almost white, edges of florets deeper in color. Long heavy flowerheads, immense florets. L 1—25c M 2—30c S 3—25c

BETTY DUNCAN 422-85 (Benedict 49) Beautiful orange blending to a clear golden throat. Does not bleach in the sun. L 1—\$1.50 M 1—\$1.00

BITTERSWEET 422-85 (Troyer 43) Bittersweet orange with a red throat. Tall, fine spike. L 1—25c M 2—35c S 2—25c

BLUE LAGOON 478-85 (Snyder 46) Medium blue, shading lighter in the upper throat and slightly deeper in the lower throat. Tall, straight grower. L 1—75c M 1—50c S 1—35c

BUCKEYE BRONZE 490-80 (Wilson 42) A very beautiful bronze, fluted florets, well ruffled. One of the finest of the autumn colors. L 2—25c M 3—25c S 6—25c

BURMA 462-85 (Palmer 43) Favorite in the deep rose reds. Exceptionally long spike. Must be cut when the lower floret is still closed or it will burn in the sun. L 2—25c M 3—25c S 5—25c

BUTTERSCOTCH 517-90 (Langworthy 48) A warm, bright pastel in a new shade, Indian Yellow overlaid with Chinese Coral on petal margins and in throat. L 1—75c M 1—50c S 1—25c

CAPE COD 460-80 (Winsor 42) Glistening lilac rose, creamy throat with a slightly deeper lilac feather. Perfectly formed spike. One of the loveliest of glads. L 1—25c M 2—30c S 3—25c

CONNECTICUT YANKEE 441-90 (Schenetsky 44) Large blush pink with a most attractive scarlet throat. Opens 8 florets on a tall spike. One of the best. L 1—50c M 1—35c S 1—25c

CRINKLE CREAM 410-80 (Ellis 40) A fine medium yellow with wide open ruffled florets. L 2—25c M 3—25c S 4—25c

DEBORAH SAMPSON 540-85 (Scheer 47) Lovely pastel pink blending to creamy buff throat. Stately spikes, reliable grower and consistent producer of fine spikes. L 1—75c M 1—50c S 1—35c

EUREKA 500-85 (Fairweather 48) Very fine white sport of Picardy. Florets are not ruffled. Whiter than Silver Wings. L 1—50c

FABULOUS 442-85 (LaSalle 46) Strikingly deep pink with a red blotch on a large cream throat. Tall straight spikes, large florets. L 1—50c M 1—35c S 1—25c

FLORENCE NIGHTINGALE 400-80 (Harris 47) Clean white, shading into a light cream throat. Florets of heavy texture and heavily ruffled. Vigorous growth, tall straight spikes. L 1—75c M 1—50c S 1—30c

GARDEN GOLD 512-85 (Rich 48) Giant deep yellow. Six inch and larger florets of pure, clean golden yellow. By far the largest and cleanest yellow we have grown. L 1—\$4.00 M 1—\$3.00 S 1—\$2.00

GRAY DAWN 480-90 (Both 43) Slate gray flecked light gray. Very odd but it is highly attractive. M 1—35c S 1—25c

HIGHLANDER 466-75 (Zimmer 45) Deep lavender or lilac, slightly recurved petals. Tall, well shaped spike. L 1—50c M 1—35c S 1—25c

KESTREL 420-85 (Palmer 45) Light salmon orange with a creamy throat which is bordered by a darker orange. Unique color, different from all other orange glads. L 2—30c M 3—25c S 5—25c

KLONDIKE 412-70 (G. V. Snyder 47) Deep golden yellow. Florets are lightly ruffled and of heavy texture. L 1—75c M 1—50c S 1—35c

LAKE PLACID 406-90 (Wilson 45) Splendid, lovely ruffled creamy white with yellow throat. Many florets open. L 1—25c M 2—35c S 2—25c

LANTANA 420-75 (Palmer 43) An early pastel orange shading through orange salmon to a yellow throat. A really fine combination. L2—25c M 3—25c S 4—25c

LAVENDER PRINCE 466-85 (LaSalle 44) Deep violet lavender, occassionally flecks but usually clear. Makes an excellent spike. L 2—25c M 3—25c S 4—25c

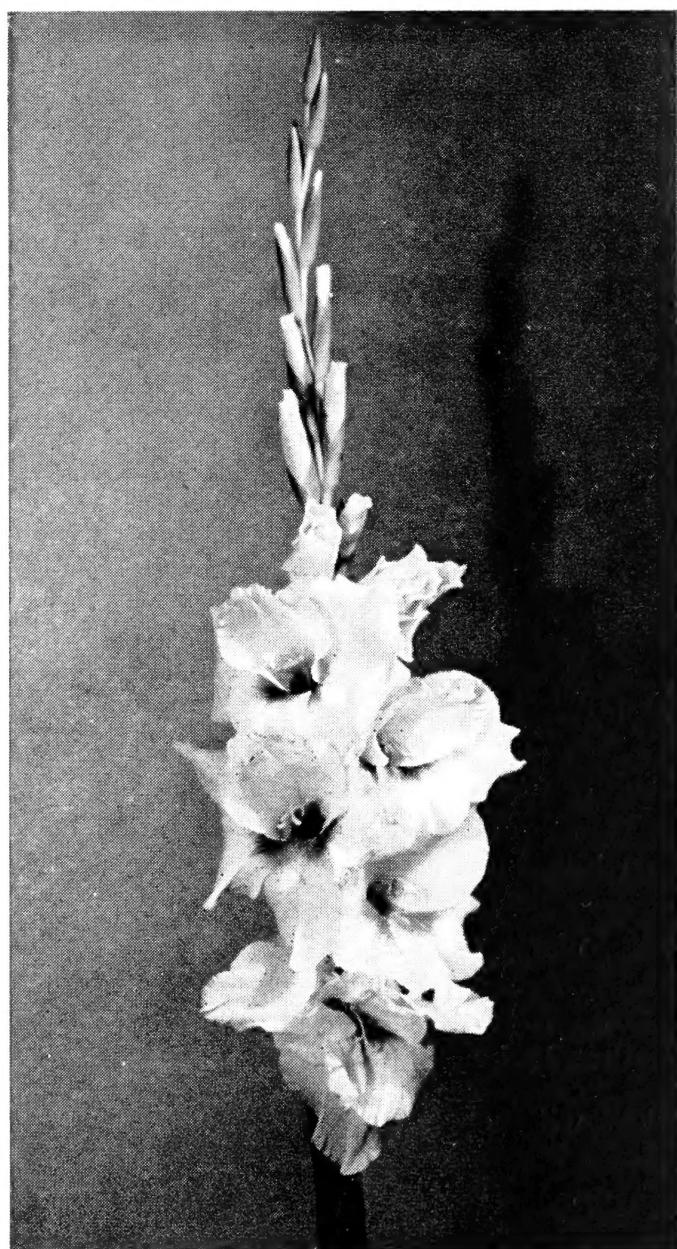
MARIMBA 416-85 (Palmer 85) Light buff, sometimes tinged pink. Will open up to 12 florets in the field. Unusually long flowerhead and a fine tall spike. L 2—25c

MARION PEARL 532-85 (Benedict 43) Large salmon pink with a lighter throat, very beautiful. L 1—35c M 1—25c S 2—25c

MARSEILLAISE 536-95 (Scheer 41) Glowing, deep crimson-scarlet, cream lines on the lower petals. Large, straight, fine spikes L 2—25c M 3—25c S 5—25c

MERMAID 442-85 (Palmer 41) Medium pink with a cream throat. Florets slightly ruffled. Exceptionally long spike. L 2—25c M 3—25c S 5—25c

MINSTREL 566-85 (Palmer 44) Huge lavender pink sometimes flecked darker. Florets ruffled and needle-pointed. L 1—25s M 2—25c



Miss Alberta . . .

MISS ALBERTA 401-80 (Torrie-Flad 50) Picard x Rosa van Lima

Originator's description: A pure informal white with a strikingly splashed lavender throat. Florets 4½ to 4¾ inches, ruffled with lower petals fluted. Flowerhead is 20-24 inches and carries 17 to 19 buds, of which 5 to 6 are open, and 6 to 8 show color. A vigorous grower, it produces almost 100% cuttable spikes which never crook and rarely have a misplaced floret. The light greenish cast of the many buds, together with the lavender throat against a clear white background produces perfect color harmony. NAGC rated Miss Alberta high in 1948; Wisconsin Seedling Show, Sun Prairie, Excellent in 1946 and 1948; Madison 1948, Excellent; Wisconsin 1949, Excellent; Waterloo, Iowa, 1949, First.

Prof. "Jim" Torrie has been hybridizing for a number of years and has produced some fine gladiolus. Now that he has decided to introduce some of his work we can expect other very good varieties to come from his garden.

L—\$3.00 M1—\$2.00 Blbts. 10—\$3.00
1 L, 1 M, 1 S, and 10 Blbts. for \$5.00
Growers' unit:
5 L, 10 M, 15 S, 100 Blbts. for \$40.00

MISS WISCONSIN 460-90 (Krueger 43) Fine deep rose pink. A color in great demand and an outstanding variety. L 2—40c M 2—30c S 3—30c

MISTY DAWN 580-95 (Rich 41) Smoky gray salmon with light bluish flakes at the edge, smoky orange red throat. We plant Misty Dawn on June 15 for late bloom and cut exceptionally huge, clean spikes. One of the very best smokies. L 2—25c M 3—25c S 5—25c

MRS. M. J. WHITE 501-80 (Both 47) Gigantic pure white florets with a small violet throat, slight violet penciling on petals. See cover photograph. Florets are huge. L 1—\$1.00

MT. INDEX 401-65 (Miller 42) Lovely waxy white with a golden yellow throat. Spikes are tall and graceful. Very early. L 2—25c M 3—25c S 5—25c

MYSTERY 541-85 (Stinson 44) Clear pink with a touch of rose in the throat. Florets are large, wide open, and ruffled. L 1—25c M 2—25c S 2—25c

OKLAHOMA 490-95 (Wilson 45) A marvel of color—lavender gray, cream throat, ruffled. Blends well with almost any color. L 1—35c M 1—25c

ORANGE DRAPERY 423-85 (Wilson 44) Orange red with a deeper throat. Tall clean spike. L 1—25c M 2—35c

ORANGE PRINCE 324-80 (Snyder 45) Orange sport of Vagabond Prince. Dazzling orange, slightly on the red side.

ORCHID BEAUTY 467-90 (Winsor 43) Tall orchid novelty, magenta in the throat. L 1—40c

OREGON GOLD 410-96 (Majeski 41) Light yellow blending deeper in the throat. A tall plant with many large ruffled florets open. L 2—25c M 4—25c S 6—25c

PASTEL 480-95 (Both 41) Perfect pastel blend smoky. Velvety rosy gray petals edged steel blue. Color is soft, smooth, and lovely. L 1—25c M 2—35c S 2—25c

PAULA ANN 460-95 (Toben 42) Large, well ruffled salmon pink florets on exceptionally tall spikes. A very fine glad. L 2—25c M 3—25c S 4—25c

PINK CHARM 542-75 (LaSalle 46) Medium deep pink with a deep pink throat. Waxy appearance. L 1—35c M 1—25c S 2—25c

PINOCCHIO 390-75 (Evans 40) Pleasing combination of pink, yellow, green and orange which gives the general impression of light yellow. Florets are round, wide open, and ruffled. L 2—25c

PURPLE SUPREME 470-90 (Wilson 42) Tall clear purple, long flowerheads and tall straight spike. Late. L 2—25c M 4—25c S 6—25c

RAYSHEEN 476-80 Lovely light blue with a very pleasing silvery overtone. L 1—25c M 2—25c S 3—25c

RED CHERRY 450-70 (Roberts 46) Clean bright scarlet red and a cherry red throat. Large, round, lightly ruffled florets on a tall straight spike. L 1—75c M 1—50c S 1—30c

RHETT BUTLER 336-70 (Kuhn 47) Bright orange scarlet that is very early. Tall spikes with medium size florets. L 1—75c M 1—50c S 1—25c

ROYAL WHITE 500-80 (Holland 48) Pure silvery white, healthy grower, tall straight spikes. L 1—\$1.00

SILVER WINGS 500-85 (Ristema 43) Pure white, heavily ruffled sport of Picardy. Very large florets on excellent spikes. L 2—25c M 3—25c S 4—25c

SNOWBOUND 400-80 (Ellis 42) Paper white, nicely ruffled florets on a well proportioned flowerhead and excellent spike. L 1—\$1.00 M 1—50c

SPIC AND SPAN 432-80 (Carlson 46) Heavily ruffled deep salmon-pink. Perfect placement, bright, tall, 10 open with another 10 buds in color. L 1—80c M 1—70c S 1—60c

SPOTLIGHT 412-80 (Palmer 44) Deep yellow with a warm red spot in the throat. Good size florets on tall straight spikes. L 2—25c M 4—25c S 6—25c

SUMMER GAL 542-80 (Zimmer 42) Lightly ruffled geranium pink with rose feather. L 1—50c M 1—35c S 1—25c

SUNLIGHT 416-85 (Spiller 46) Blend of orange and yellow giving the general color effect of light orange shading to a golden throat. L 1—75c M 1—50c S 1—35c

SUN SPOT 417-80 (Roberts 48) Ruffled yellow apricot buff, rose-red throat mark. L 1—75c M 1—50c S 1—30c

TAHLAHNEKA 410-85 (Kaylor 42) Medium light yellow, excellent growth, straight spikes with many florets open. A very fine glad. L 2—25c M 3—25c S 5—25c

TUNIAS MAHOMET 580-75 (Both 41) Deep velvety plum rose with orange scarlet throat. Produces immense spikes with huge florets. One of the earliest and most desirable smokies. Must be cut in bud for it will burn in the sun. L 1—25c M 2—40c S 2—25c

VOODOO 480-80 (Kadel 44) Voodoo is a novelty and exhibition glad. The color is hard to describe but a wine-bronze smoky comes close. Very unusual and pleasing. L 1—35c M 1—25c S 2—25c

WEDGEWOOD 366-75 (Fischer 47) Beautifully ruffled lavender with a cream throat. Florets are lovely and precisely arranged. L 1—50c M 1—35c S 1—25c

WHITE CHALLENGE 501-80 (Arnett 48) Heavy textured white with a very light rose pink blush and a pleasing rose throat. L 1—\$1.50 M 1—\$1.00 S 1—50c

WHITE EAGLE 300-80 (Ellis 39) An exquisite, medium size white, heavily ruffled. Long graceful spikes that are very beautiful. L 2—25c M 4—25c S 6—25c

WHITE GODDESS 500-80 (Roberts 48) Heavily ruffled white, shading to a light cream throat. Large florets on a large spike. L 1—\$1.00 M 1—75c

WHITE MAGIC 500-80 (Kuhn 47) Heavily ruffled, clear white. Has a cool, crisp, breath-taking beauty. Opens six large florets on a tall straight spike. L 1—\$2.00 M 1—\$1.00 S 1—50c

WHITE SATIN 100-70 (Koerner 42) Cream white with white stamens and pistil. A true face-up glad. Wiry stems carry 1 $\frac{3}{4}$ to 2 inch florets. L 2—25c M 3—25c S 4—25c

YANKEE LASS 440-85 (Schenetsky 40) Beautiful bright, tall pink which opens up to 10 five inch florets on a long flowerhead. A sensational glad. The light shell pink florets have no markings. L 1—\$1.50 M 1—\$1.00 S 1—50c

Gladiolus Culture . . .

The following suggestions apply to normal growing conditions and necessarily must be rather general.

Stock for Planting: Secure healthy bulbs from a reliable grower specializing in growing quality gladiolus bulbs. Maximum size bloom are obtained from large, plump, high-crowned bulbs of at least an inch or more in diameter. A large bulb is simply a larger storehouse of food for the plant than a small bulb. Also a large bulb usually produces two or more flower spikes. Medium size bulbs, planted early and given good care, will produce good spikes. Bulbs under an inch in diameter are planted to produce large bulbs for the following year and not for the purpose of giving a cuttable spike.

If you want good glads in your garden, hesitate to fall for an offer which advertises 100 'blooming size' bulbs 'one and one half inches in circumference'. Such advertisements are misleading for gladiolus bulbs are sold by diameter size and not by circumference. A 'large' bulb is roughly four and a half inches in circumference; a 'small' bulb one half inch in diameter is one and a half inches in circumference. A large bulb contains approximately 30 times the food store of a small bulb. In checking over bulbs received from such advertising last spring we found that **two** large bulbs actually weighed **more** than the 100 bulbs received.

When you receive your bulbs, open the package to admit air and leave the package open until you plant. Sealed in an air tight package, bulbs will, after a time, mold.

Planting: Plant your bulbs when the trees are leafing out and the soil has warmed. In Madison we plant from early in April until the middle of June, altho we make our main planting during the month of May. We always save a few

varieties like Misty Dawn to plant June 15 for late cut flowers. Any soil that will produce good vegetables will give you good glads. Plant in full sunshine away from trees and shrubbery. Cover the bulbs with 5 to 6 inches of soil—deep planting helps to support the plant and puts the bulb where there is usually sufficient moisture. Rows can be any convenient distance apart. Large bulbs should be 4 to 5 inches apart in the row.

Fertilizing: You can do harm with too much fertilizer. We suggest a side dressing after the plants are up followed by a thorough soaking with water. Use any complete fertilizer—just do not use an excess. Two or three light feedings will do more than one heavy.

Cultivation: Glads do not like to be in competition with weeds and like to have the ground to themselves. Do not cultivate deep—two inches is sufficient. When the weeds are in the garden, cut them off but don't make too much work of it!

Watering: A large gladiolus bulb has sufficient food stored in it to produce a good spike in any soil provided it has sufficient water and good drainage. In other words, water is more important to glads than fertilizer. We purchased aluminum irrigation pipe, sprinklers and a large pump last spring and were able to put one eighth of an inch of water an hour on our glads—with very remarkable results both as regards bloom and bulb growth. After eight hours of watering the glads seemed to explode! A good thorough soaking once every week to ten days will do wonders for your glads, and by a good soaking we mean one inch of water.

Spraying: If your neighbors grow glads you will probably have thrips in your glads. The safest thing is to spray or dust with DDT every two weeks starting in June and continue until you cut your spikes. We use one ounce of 50% DDT, wettable, in 3 gallons of water. Another pest which has bothered us is the aster beetle or blister beetle. It eats the petals of open florets and attacks a large number of different flowering plants. One application of DDT will clean them out completely for the year.

While we use spray (the spray outfit is mounted on the tractor) you can use 5% DDT dust with equal success. Dust should be applied while dew is on the plants.

Cutting bloom: Cut your bloom in the morning, preferably when one or two florets are open. Glads last much longer when cut and taken indoors. We like to nick the stem about six inches from the ground with a sharp knife, then bend the spike away from the cut. It will break clean and five or six leaves will remain on the plant to mature the bulb. To prolong the life of glads indoors, cut the stem a half inch each day and give fresh water.

Digging: Dig your bulbs the middle of October and cut the tops as close to the bulb as possible. Wash the bulbs in a screen bottom tray using the spray nozzle of your hose. We have found washing pays big dividends. After washing, spread bulbs out for several days to dry, then dust with 5% DDT. Put them in a dry part of the basement and in four weeks the old bulb and roots will snap off leaving a clean scar on the new bulb. DO NOT husk the bulbs—nature has given them a husk to conserve moisture within the bulb. We remove the outer husk on bulbs we sell immediately before shipment in order to give them a more careful inspection. If the old bulb does not snap off clean or if it looks diseased, then throw the bulb out.

Storing: Store in a cool dry part of the basement. A temperature range of 33 degrees F to 50 degrees F is best. Bulb stored under moist conditions will be more susceptible to storage rot and disease. If your bulbs are in a cloth bag hung in the basement you can almost forget them until spring.

Treating bulbs before planting: Probably the best and easiest dip to use is: Lysol one and a half tablespoons to a gallon of water, soak two to three hours and plant before they dry.

For our own planting we are going back to mercuric chloride.

For up-to-the-minute information about glads, join your local or state Gladiolus society and the New England Gladiolus Society, Horticulture Hall, Boston 15, Mass. and the North American Gladiolus Council, 2 Williams St., Bel Aire, Maryland. Mr. F. M. Bayer, 4668 N. 41st St., Milwaukee 9 is treasurer of the Wisconsin Gladiolus Society and will appreciate receiving your \$1.25 dues.

Home Gardeners Special . . .

The following glads are all excellent varieties for your cutting garden. We know because we grow them for the cut flower trade! They are all established varieties and all of them will please you. Most of these glads are quite prolific so we can offer bulbs at very attractive prices. Large bulbs will be supplied as long as stocks hold out, then medium size, with an overcount, will be furnished.

4 bulbs of a variety for 25c

10 bulbs of a variety for 60c

If you select 100 or more bulbs from this list they will be furnished at 5c per bulb. Please give two or three second choices for by the end of the season a number of these varieties will be sold out. Bulbs ordered from this list will be shipped express collect.

4 bulbs of each of the following 40 varieties

\$ 7.50

10 bulbs of each of the following 40 varieties

17.50

ALADDIN, reddish salmon

LEGEND, light salmon pink

BLACK OPAL, deep maroon

LEADING LADY, creamy white

CANDY HEART, flesh pink

LEXINGTON, huge light purple

CHERRY JAM, deep pink

LOIS, large light pink

DIXIE GOLD, orange yellow

MERCURY, brilliant vermillion

ELIZABETH THE QUEEN, lavender

MOHAWK, velvety dark maroon

ELWOOD, lavender

MRS. MARK'S MEMORY, red violet

ETHEL CAVE COLE, light pink

PARNASSUS, rich purple

EXQUISITE, deep salmon

PINK PICARDY, ruffled pink

GARDENIA, white

R.B., immense silvery brown

GLOAMING, light purple

RED CHARM, crimson red

HAWKEYE RED, bright red

REWI FALLU, blood red

H. B. PITT, orange pink

ROSA VAN LIMA, bright pink

HIGH FINANCE, gray smoky

SHIRLEY TEMPLE, cream

IEKA, gray smoky, red throat

STOPLIGHT, red

INDIAN PRINCESS, deep rose

SYLVIA TWING, silvery pink

JULES AMOTT, dragon red

TAHITI, rose lavender

KING CLICK, bright red

VANGOLD, golden yellow

KING LEAR, ruffled red purple

WANDA, cream

KING TAN, rosy tan smoky

WHITE GOLD, immense creamy white

Collection of Bulbs . . .

If you would like to have us select gladiolus for you, the following collections are priced well below their catalog value. The colors used will be selected from this catalog and from about five hundred other varieties and seedlings which we grow.

#1. 20 varieties, 1 large bulb of each, unlabeled	\$1.00
#2. 50 large bulbs, at least 15 different colors, unlabeled	2.50
#3. 100 large bulbs, 5 each of 20 different varieties, PLUS at least 2 FREE bulbs of newer varieties, labeled	5.00
#4. An all WHITE collection: 75 bulbs, labeled, of white and light cream varieties	5.00

Visitors are always welcome in our gardens. Different varieties come into bloom at different times so the best way to see a Gladiolus Garden is to make repeated visits throughout the summer. The garden at home is always open; because private homes are near the Fox Bluff garden we would appreciate a phone call so one of us can meet you at that garden. It is just four miles from the home garden to the Fox Bluff garden.

Our phone: 3-5624

ROGER B. RUSSELL

OLD MIDDLETON ROAD
MADISON 5, WISCONSIN

